Hangman

Required Work

- Flowchart (submit in Google Classroom as a .png, .jpg, or .pdf file, may be created digitally or scanned from paper)
- Code (work from project in Repl.it)
- Reflection (submit in Google Classroom, must be typed)

Minimum Feature Requirements

- Human vs computer game of rock paper scissors
- Must accurately determine winner of round
- Must track score
- Must be able to determine overall winner (best of 3, for instance)

Expectations for Code

- Break code functionality down into functions
- Use at least one dictionary
- Clear, well-documented code

Schedule

You will have this class and the class after it. Assignment must be turned in by Wednesday

Scoring

- Flowchart: 10 points, based on correct depiction of how to solve the problem
- Code: 50 points, see rubric
- Reflection: 5 points, describe what you learned, what problems you ran into, and how you solved your problems

Rubric

Category	5	4	3	2	1
Feature Requirements Weighted x3	Goes significantly beyond minimum requirements	Slightly exceeds minimum requirements	Meets minimum requirements	Meets a few requirements	Meets few to no requirements

Category	5	4	3	2	1
Comments	Comments, naming standards, and overall code structure are clear, easy to understand, and display a strong understanding of the code.	Code is generally clear	Comments and naming standards are acceptable, but there are sections that are unclear or poorly documented	Comments are minimal	Comments? What comments?
Code Quality Weighted x3	Code is cleanly written and very effective. Code in this category will show that the coder has made an effort to address problems that could arise when running code.	Code is correct and generally free of errors	Some errors affect the functioning of the program	Major errors affect the functioning of the program	Code works extremely poorly
User Interface/User Experience	Program makes clear to the user what is happening and it is enjoyable to play.	Game is fairly easy to understand how to play	Playing game is somewhat confusing	Playing game is very confusing	Can't play game
Use of Functions	Makes excellent use of functions		Functions are used correctly but not implemented particularly well		Functions are not used or are used so poorly they indicate a serious lack of understanding
Use of Dictionaries	Makes excellent use of at least one dictionary		At least one dictionary is present, but may not be used effectively		Dictionaries are not used or are used so poorly they indicate a serious lack of understanding